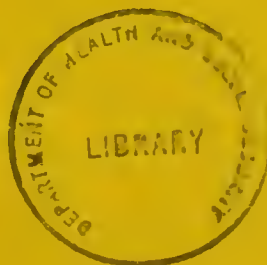


Consett Urban District Council



ANNUAL REPORT

of the

Medical Officer of Health

FOR THE YEAR

1971

P. F. A. PEREIRA, M.B., B.S., M.F.C.M., D.P.H.

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STAFF OF PUBLIC HEALTH DEPARTMENT

*Medical Officer of Health and Assistant County Medical Officer for
Consett and Stanley Urban and Lanchester Rural Districts:*

P. F. A. PEREIRA, M.B.B.S., M.F.C.M., D.P.H.,

Chief Public Health Inspector:

H. WALTON, Registered Architect, M.A.P.H.I., and R.S.H. Diploma
for Inspection of Meat and Other Foods.

Deputy Chief Public Health Inspector:

T. E. HODGSON, M.A.P.H.I., and R.S.H. Diploma for Inspection of
Meat and Other Foods.

Additional Public Health Inspectors:

J. R. BEST, M.A.P.H.I., R.S.H. Diploma for Inspection of Meat and
Other Foods and R.S.H. Diploma in Air Pollution Control. (Resigned
30th November, 1971).

R. CALLAND, M.A.P.H.I., R.S.H. Diploma for Inspection of Meat and
Other Foods, R.S.H. Diploma for Smoke Inspectors and H.N.C.
(Building).

Pupil Public Health Inspector:

K. ERRINGTON

Authorised Meat Officer:

A. DUNN, R.S.H. Certificate in Meat Inspection

Rodent Officer and Market Inspector:

A. EMBERSON

Clerical Staff:

MR. G. GREEN, MRS. E. WINTER, MISS A. LAIDLAW

Health Department,
Council Offices,
Medomsley Road,
Consett, Co. Durham
DH8 5JA

July, 1972

**TO THE CHAIRMAN AND MEMBERS OF THE CONSETT
URBAN DISTRICT COUNCIL**

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have pleasure in presenting my Annual Report for the year, 1971.

The health record for the district was good, with no serious incidence of infectious disease.

The vital statistics show an increase in the death rate and a slight decrease in the birth rate. The rates for perinatal deaths and stillbirths showed a favourable decrease although there was an increase in the infant mortality rate.

Although there were no deaths from tuberculosis there was an increase in the number of notifications.

Heart disease continues to be the main cause of death and there was an increase in the number of deaths from coronary disease. Deaths from lung cancer and accidents showed an increase but there was a fall in the deaths from bronchitis.

I wish to thank my colleagues in general practice, the hospital service and the Public Health Laboratory Service for their assistance and co-operation during the year.

I extend my sincere thanks to the members of the Council for their continued support and interest in health matters, the Clerk, the Chief Officers and their Staff, and the Staff of my own Department, for their co-operation and goodwill.

I am, Ladies and Gentlemen,

Yours sincerely,

P. F. A. PEREIRA,
Medical Officer of Health

I. GENERAL AND VITAL STATISTICS RELATING TO THE CONSETT URBAN DISTRICT

Area (acres)	10,042
Population (estimated)	35,390
(i) Estimated number of children:	
Under 5 years	3,321
5-15 years	6,191
Marriages in the Area during 1971 (estimated)	220
Number of Inhabited Houses	12,578
(i) Number of Aged Miners' Homes	56
(ii) Number of Council Aged Persons' Homes	334
(iii) Number of Council Houses (including Aged Persons)	4,439
(iv) Number of Houses and Shops combined	113
(v) Number of Lock-up Shops	303
(vi) Number of Occupied Houses under Clearance Areas, Closing or Demolition Orders	2
Rateable Value 1st April, 1971	£1,737,324
Net Product of a Penny Rate, 1st April, 1971	£17,700

UNEMPLOYED AND DISABLED

	<i>Males</i>	<i>Females</i>	<i>Total</i>
(i) Employable persons out of work at the end of 1971	758	162	920
(ii) Persons registered as Disabled	667	43	710
(iii) Percentage of Registered Disabled who were on the Tuberculosis Register	2.4	2.3	4.7
(iv) Disabled persons trained	1	—	1
(v) Number of persons who have had special rehabilitation during 1971	21	—	21
(vi) Number of T.B. persons who have had special rehabilitation during 1971	—	—	—
(vii) Tuberculosis persons trained during 1971	—	—	—
(viii) Number of Registered Blind Persons	29	28	57
(ix) Number of Partially Sighted Persons	7	23	30
(x) Number of Registered Physically Handicapped Persons	63	77	140
(xi) Number of Registered Deaf and Dumb Persons	3	1	4
(xii) Number of Registered Hard of Hearing Persons	8	7	15

DETAILED VITAL STATISTICS

(See Appendix A)

	Consett	England and Wales	Durham County
LIVE BIRTHS			
Number	521		
Rate per 1,000 population	14.7	16.0†	16.0
Illegitimate Live Births per cent of total live births	6.0	8.0†	6.0
STILLBIRTHS			
Number	9		
Rate per 1,000 total live and stillbirths.. .. .	17.0	12.0†	12.0
Total live and stillbirths	530		
Infant deaths (deaths under 1 year)	12		
INFANT MORTALITY RATES			
Total infant deaths per 1,000 total live births	23.0	18.0†	19.0
Legitimate infant deaths per 1,000 legitimate live births	18.0	17.0†	18.0
Illegitimate infant deaths per 1,000 illegitimate live births	97.0	24.0†	25.0
Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	12.0	12.0†	12.0
Early Neo-natal Mortality rate (deaths under 1 week per 1,000 total live births)	8.0	10.0†	10.0
Perinatal Mortality Rate (stillbirths and deaths under 1 week combined per 1,000 total live and stillbirths)	25.0	22.0†	22.0
MATERNAL MORTALITY (including abortion)			
Number of deaths	Nil	—	—
Rate per 1,000 total live and stillbirths.. .. .	—	0.17†	—
DEATHS			
Number	459	—	—
Rate per 1,000 population	13.0	11.6†	11.7
TUBERCULOSIS DEATHS			
Number	Nil	—	—
Rate per 1,000 population	—	0.03†	0.02

†Provisional figures

The standardised birth and death rates for the area, i.e. rates calculated in such a way that allowances are made for the age and sex composition of the population, were 14.7 and 15.2 respectively.

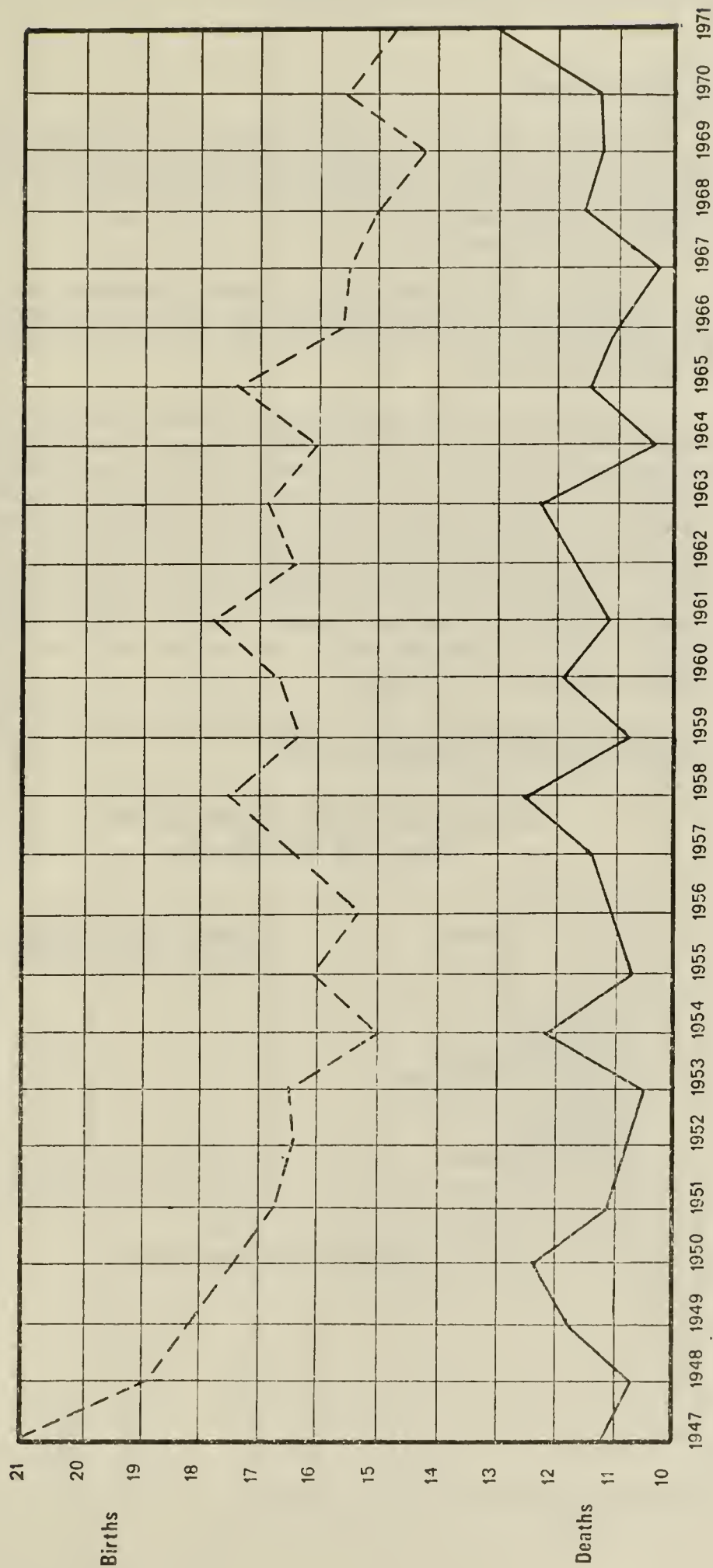
BIRTHS

	Males	Females	Total
(a) Live Births			
Legitimate	242	248	490
Illegitimate	18	13	31
	<hr/> 260	<hr/> 261	<hr/> 521
(b) Stillbirths			
Legitimate	5	4	9
Illegitimate	—	—	—

DEATHS

	Males	Females	Totals
Deaths during the year	261	198	459
Deaths from Puerperal Causes	—	—	—

Birth and Death Rates per 1,000 Population 1947 - 1971



(a) Infant Deaths

During the year there was a slight increase in the number of infant deaths there being 12 (23.0 per 1,000 live births) as compared with 11 in the previous year (19.0 per 1,000 live births). Four of the twelve deaths occurred in the first week of life. The rate for the Durham County was 19.0 and England and Wales 18.0.

There was a slight decrease in the number of stillbirths, there being 9 as compared with 11 in the previous year. This gives a stillbirth rate of 17.0 and compares with the rate of 12.0 for Durham County and 12.0 for England and Wales.

The investigation of all perinatal deaths in Stanley and Consett Urban Districts was continued for the fourteenth successive year. Each case is investigated in detail and as far as possible a post mortem is carried out in every case. The scope of the survey has widened considerably and consideration is given to the presence of an avoidable factor associated with the cause of death. Quarterly meetings are held with the Consultants at the Maternity Department of Shotley Bridge General Hospital, and each year a report is presented to a meeting of the hospital medical staff, general practitioners, and local health authority medical staff. Co-operation from the hospital medical and nursing staff, midwives and general practitioners is excellent.

The perinatal mortality rate is 25.0 as compared with 22.0 for Durham County and 22.0 for England and Wales.

ANALYSIS OF INFANT DEATHS DURING FIRST YEAR OF LIFE 1971

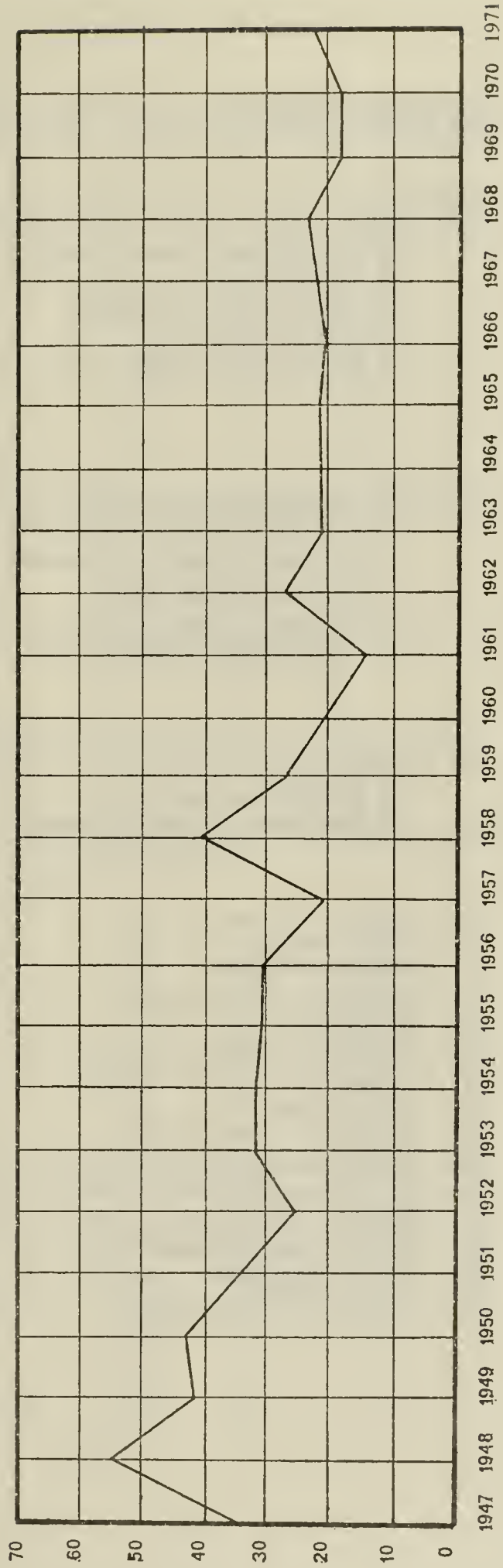
†Cause	Under 1 week	1 to 4 weeks	1 to 12 months
Bronchitis	—	—	2
Pneumonia	—	1	—
Broncho-Pneumonia	—	—	2
Congenital Heart Disease	—	—	1
Enteritis	—	1	—
Meningitis	—	—	1
Prematurity	3	—	—
Respiratory Failure	1	—	—
	4	2	6

† As Classified by the Registrar General

INFANT DEATHS PER 1,000 LIVE BIRTHS SINCE 1947

During the year there were the following deaths under one year -

	Males	Females	Totals	Rate per 1,000 Live Births
LEGITIMATE	3	6	9	17.3
ILLEGITIMATE	3	-	3	5.7



(b) Deaths (General)

							<i>Male</i>	<i>Female</i>	<i>Total</i>
ALL CAUSES	..	..	..	..	..	..	261	198	459
1.	Cardio vascular:								
	(a)	Vascular lesions of nervous system	..				30	43	73
	(b)	Coronary Disease	..	..	..		69	51	120
	(c)	Hypertension with heart disease	..				1	2	3
	(d)	Chronic rheumatic heart disease	..				2	2	4
	(e)	Other heart diseases	..	..	..		14	12	26
	(f)	Other circulatory diseases	..	..	..		10	10	20
	(g)	Other diseases of nervous system etc..	..				2	3	5
							<u>128</u>	<u>123</u>	<u>251</u>
2.	Cancer:								
	(a)	Malignant Neoplasm, Oesophagus	..				2	1	3
	(b)	Malignant Neoplasm, stomach	..				9	4	13
	(c)	Malignant neoplasm, intestine	..				7	7	14
	(d)	Malignant Neoplasm, lung, bronchus	..				26	1	27
	(e)	Malignant Neoplasm, breast	..	..	..		—	10	10
	(f)	Malignant Neoplasm, uterus	..	..	..		—	2	2
	(g)	Malignant Neoplasm, prostate	..				4	—	4
	(h)	Malignant Neoplasm, buccal cavity etc.	..				—	1	1
	(i)	Other Malignant Neoplasms	..	..	..		8	9	17
							<u>56</u>	<u>35</u>	<u>91</u>
3.	Chest diseases:								
	(a)	Pneumonia	..	..	..	..	15	12	27
	(b)	Bronchitis and Emphysema	..	..	..	..	12	6	18
	(c)	Other diseases of respiratory system	..				6	1	7
							<u>33</u>	<u>19</u>	<u>52</u>
4.	Asthma	....	..	..	..	..	1	—	1
5.	Diabetes Mellitus	..	..	..	..	..	4	1	5
6.	Meningococcal infection	..	..	..	..	..	1	—	1
7.	Leukaemia	..	..	..	..	..	—	1	1
8.	Benign and unspecified neoplasms	..	..	..	..	..	1	—	1
9.	Appendicitis	..	..	..	..	..	1	—	1
10.	Hyperplasia of prostate	..	..	..	..	..	2	—	2
11.	Enteritis and other diarrhoeal diseases	..					1	—	1
12.	Avitaminoses	..	..	..	..	..	1	—	1
13.	Multiple sclerosis	..	..	..	..	..	1	—	1
14.	Other diseases of digestive system	..	..	..	..	..	3	1	4
15.	Peptic ulcer	..	..	..	..	..	3	—	3
16.	Nephritis and Nephrosis	..	..	..	..	..	4	—	4
17.	Other diseases, genito urinary system	..					—	4	4
18.	Congenital anomalies	..	..	..	..	..	1	2	3
19.	Birth injury, difficult labour, etc.	..	..	..	..	..	3	1	4
20.	Symptoms and ill defined conditions	..					3	8	11
21.	Motor vehicle accidents	..	..	..	..	..	4	—	4
22.	All other accidents	..	..	..	..	..	9	1	10
23.	Suicide and self inflicted injuries	..	..	..	..	..	1	2	3

The main causes of death in the district during the year were diseases of the heart and circulatory system, cancer, pneumonia and bronchitis, in that order of prevalence.

Coronary Disease

There was an increase in the number of deaths from coronary disease there being 120 as compared with 110 in the previous year.

Deaths in age groups are as follows:

<i>Age Group</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
35-44 years	—	1	1
45-54 „	3	1	4
55-64 „	19	8	27
65-74 „	28	18	46
75 years and over ..	19	23	42
	<hr/> 69	<hr/> 51	<hr/> 120

Lung Cancer

There was a slight increase in the number of deaths from lung cancer, there being 27 as compared with 24 in the previous year.

Deaths in age groups are as follows:

<i>Age Group</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
35-44 years	1	—	1
45-54 „	2	1	3
55-64 „	7	—	7
65-74 „	11	—	11
75 years and over ..	5	—	5
	<hr/> 26	<hr/> 1	<hr/> 27

The death rate for lung cancer for this area was 0.76 per 1,000 population as compared with 0.63 for England and Wales.

Bronchitis

There was a decrease in the number of deaths from bronchitis, there being 18 as compared with 25 in the previous year.

Deaths in age groups are as follows:

<i>Age Group</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
Under 25 years	—	2	2
35-44 „	—	1	1
45-54 years	1	—	1
55-64 „	5	—	5
65-74 „	3	—	3
75 years and over ..	3	3	6
	<hr/> 12	<hr/> 6	<hr/> 18

Accidents

There was an increase in the number of accidental deaths, there being 14 as compared with 8 in the previous year.

Cases of home accidents treated at the Casualty Department of Shotley Bridge General Hospital in 1971 were as follows:

	<i>Treated</i>	<i>Admitted</i>
Burns and Scalds	60	4
Injuries	572	65
Lacerations	225	11
Foreign Bodies	107	7
Miscellaneous	115	45
Totals ..	<hr/> 1,079	<hr/> 132

II. HEALTH SERVICES IN THE AREA

A. Environmental Circumstances and Local Authority Services

(a) GENERAL

Water

The Durham County Water Board provides the public supply which is obtained from reservoirs situated at Smiddy Shaw, Waskerley Park and Hysehope. Filtration and chlorination are carried out at Honey Hill treatment plant. In September, 1970, fluoridation of this public supply was introduced.

All of these reservoirs are situated outside the Urban Area of Consett. Regular tests taken by the Water Boards' Chemist showed that the bacteriological and chemical quality of the water supplied by the Board's Treatment Works was of a high standard.

New mains have been laid to Council House developments and industrial estates.

Three bacteriological and one chemical sample taken by this Department and sent for analysis were found to be satisfactory.

Three houses in the area are without a mains supply and ten samples were submitted over the year to The Public Health Laboratory. Seven of the samples were found to be unsatisfactory, but at all times the occupants were advised to boil all water used for drinking purposes.

Details of the thirteen samples of water sent to the Bacteriologist are shown below:—

Number of Samples	Mains Water	Private Supply	Probable Numbers per 100 ml.	
			Coliform bacilli	Bact. Coli (Type 1)
3	3	—	—	—
1	—	1	1	1
1	—	1	5	5
2	—	2	—	—
1	—	1	3	1
1	—	1	17	—
1	—	1	35	—
3	—	3	180+	—

Drainage and Sewage

New works include the insertion of three sewage treatment tanks at Crookhall to cope with an increase in flow anticipated by a new factory site at Durham Road, Leadgate.

No major alterations have been carried out to the other three main sewage works in use although these are working to full capacity.

Sanitary Conveniences

The types of closet in use in the Council's area are as follows:

Water closets	..	..	..	14,460
Ash-closets	..	..	..	4
Chemical Closets	..	..	..	8

Atmospheric Pollution

Throughout the year there were again emissions of pollution from the steel making plant owned by The British Steel Corporation. New arrestment precipitators have been brought into service and, although emissions do occur from time to time these are dealt with by the Alkali Inspector with whom a regular liaison is maintained by this Department.

It is proposed to introduce, early in the forthcoming year, a Smoke Control Order in respect of new houses now being built in the Medomsley area.

Prevention of Damag by Pests Act, 1949

Treatments for the eradication of rats in sewers and sewage works were again carried out and infestations were proved to be relatively small.

One thousand, two-hundred and forty-two visits were made to dwelling houses, business and agricultural premises, and 280 premises were serviced for the eradication of rats and mice. Refuse tips, ravines and other likely sources of rodent infestation were visited and where necessary, treated.

There is no charge made to private dwelling houses for the eradication of rat, mouse or beetle infestations, but business premises and farms are charged on a time and material basis for the destruction of rats and mice.

Meetings of the County Workable Area's Committee and the Durham No. 2 Area Committee were attended during the year and problems arising from rodent control were discussed with the Ministry and Divisional Officers.

	Type of Property	
	Non-Agricultural	Agricultural
1. Number of Properties in district	15,247	56
2. Total number of Properties (including nearby premises) inspected following notification	258	7
Number infested by		
(a) Rats	152	7
(b) Mice	106	—
3. Total number of Properties inspected for rats and/or mice for reasons other than notification	200	13
Number infested by		
(a) Rats	11	2
(b) Mice	2	—

Sewers and Sewage Works

Date of Sewer Campaign	Number of Manholes treated	Showing Signs of infestation	Number showing no signs of infestation
October 1971	148	9	139
Sewage Works and Buildings treated in conjunction with Sewer Campaign		Showing signs of infestation	
October 1971			
Pont		Minor	
Knitsley		—	
Crookhall		Minor	
Ebchester		—	
Hamsterley Pump House		—	

Disinfestation

One hundred and forty-nine houses and premises were treated for the eradication of cockroaches flies and other insects.

Noise Abatement Act, 1960

Complaints regarding noise from a factory in a partly residential area were received. The owners were requested to carry out sound-proofing work and to remove certain machinery and saws used for cutting steel sections.

Since this has been done, no further complaints have been received.

Scrap Metal Dealer's Act, 1964

Forty-three persons are registered as scrap metal dealers, and of these thirty-six are itinerant collectors, application having been made to be exempted from the requirements of Section 2 of the Act relating to the keeping of records of dealings. One person was successfully prosecuted at a Magistrates' court for operating without being registered under the Act.

Three premises are registered as scrap metal stores.

Pet Animals Act, 1951

During the year, three licenses for the keeping of pet animals were issued and routine inspections were carried out.

Swimming Baths

Routine Samples of water are taken every two hours by the Baths Manager to ensure the correct chlorine residual and Ph value. Forty-eight bacteriological samples were taken by the Health Department and submitted to the Public Health Laboratory, and these were all satisfactory.

One chemical sample was submitted to the Public Analyst and it was described as having adequate treatment.

(b) HOUSING, OFFICES AND SHOPS, AND FACTORIES

(i) General

During the year, 255 houses were built by the Council, in which are included an Aged Persons' Hostel consisting of 32 single persons' bed-sitters and a Wardens' flat.

Type of Dwelling	Delves Lane, Consett	Blackhill	Leadgate	Total
Aged persons' Hostel Single Bed-sitters	—	—	32	32
Aged Persons' Warden's Flat-Three-Bedroomed	—	—	1	1
Two-Bedroomed Bungalows	—	11	—	11
Two-Bedroomed Houses	47	—	24	71
Three-Bedroomed Houses	62	—	78	140
TOTAL	109	11	135	255

In addition, 36 private houses were built.

Since the war a total of 4,033 houses have been completed in the district:

				<i>Council Houses</i>	<i>Private Houses</i>
1946	..	..	..	58	10
1947	..	..	..	238	16
1948	..	..	..	268	29
1949	..	..	..	195	12
1950	..	..	..	134	13
1951	..	..	..	109	12
1952	..	..	..	116	12
1953	..	..	..	146	29
1954	..	..	..	170	35
1955	..	..	..	136	35
1956	..	..	..	107	47
1957	..	..	..	130	58
1958	..	..	..	104	54
1959	..	..	..	76	81
1960	..	..	..	44	52
1961	..	..	..	44	137
1962	..	..	..	47	91
1963	..	..	..	11	94
1964	..	..	..	17	97
1965	..	..	..	64	42
1966	..	..	..	82	46
1967	..	..	..	53	30
1968	..	..	..	66	19
1969	..	..	..	114	27
1970	..	..	..	111	24
1971	..	..	..	255	36
				<u>2,895</u>	<u>1,138</u>

(ii) Improvement Grants

During the year, 357 applications were made for improvement grants and 83 for standard grants.

Since the inception of the scheme, 587 improvement grant applications and 900 standard grants have been approved. In all, 1,224 grants have been completed and the properties brought up to the necessary standard.

(iii) Houses Unfit for Human Habitation

Slum Clearance

Two Compulsory Purchase Orders were declared during the year:—

1. The Park Road/St. George's Place, Blackhill, Compulsory Purchase Order No. 1, consisting of 33 dwelling houses and four other premises.
2. The Ledger Terrace/Eltringham Street, Blackhill, Compulsory Purchase Order No. 2, consisting of 25 dwelling houses and other vacant land.

A Public Inquiry was held by The Department of the Environment regarding the Park Road/St. George's Place, Blackhill, Compulsory Purchase Order and this order was confirmed.

Individual

Three houses were the subject of demolition orders and five closing orders were made.

Generally

The re-housing of tenants from Allendale Cottages and High Westwood continues. These substandard houses purchased from The National Coal Board for temporary housing are now very quickly coming to the end of their useful life. One Street has already been demolished at Allendale Cottages and further demolitions are being carried out as streets become vacant.

Fifty pre-fabricated bungalows at Derwent Crescent, Hamsterley, are also being demolished and the tenants rehoused.

(iv) Common Lodging Houses

There are no registered common lodging houses in the area.

(v) Closing and Demolition of Houses

1. Formal Action

(i) Number of houses demolished during the year as a result of Clearance Schemes or other formal action	15
(ii) Number of houses closed but not demolished as a result of formal action	12
(iii) Number of houses in Clearance Areas and individual unfit houses, demolition of which temporarily postponed ..	—
(iv) Number of houses in use as temporary accommodation ..	—

2. Informal Action

(i) Number of houses permanently discontinued as dwellings as a result of informal action and not included above ..	105
---	-----

(vi) Reconditioning and Repairs

Number of houses made fit during year by procedure under Housing acts (excluding temporary accommodation or Public Health Acts):

(a) As a result of informal action	143
(b) By owners as a result of statutory notice	—
(c) By Local Authority in default of owners	—
(d) Unfit houses made fit under Section 24 Housing Act, 1957 ..	—

(vii) Rent Act, 1957—*Certificates of Disrepair*

There were no applications for certificates of disrepair.

(viii) Housing Act, 1969—*Qualification Certificates*

No applications were received for qualification certificates.

Offices, Shops and Railway Premises Act, 1963

The requirements of the Act affect 325 premises, 11 more than the previous year, and 66% of these premises received a general inspection during the year. Generally it was found that conditions therein were satisfactory and there were no complaints from employees regarding their working conditions.

The following tables (i), show the number of premises registered during the year and receiving a general inspection, (ii) analysis of persons employed in registered premises, and (iii) analysis of contraventions found.

Six notifications of accidents were received from owners or occupiers of premises. Handling of materials and articles were the cause of four accidents, one was caused by slipping on a floor and the other by a falling object.

No prosecutions or proceedings were instituted and there were no applications for exemptions under any sections of the Act.

(i) Number of premises registered during the year, and the number of registered premises receiving a general inspection during the year

Class of Premises	Number of premises registered during the year	Number of registered premises at end of year	Number of registered premises receiving a general inspection during the year
(1)	(2)	(3)	(4)
Offices	5	79	43
Retail Shops	13	205	156
Wholesale shops, warehouses ..	1	4	1
Catering establishments open to the public, canteens	2	34	15
Fuel storage depots	—	3	—
Totals ..	21	325	215

Total number of visits of all kinds by Inspectors to registered premises under the Act 324

(ii) Analysis of persons employed in registered premises by workplace

Class of Workplace	Number of persons employed
(1)	(2)
Offices	388
Retail Shops	986
Wholesale departments, warehouses	31
Catering establishments open to public	168
Canteens	3
Fuel storage depots	9
Total	1,585
Total Males	486
Total Females	1,099

(iii) Analysis of Contraventions

Contravention in respect of	Found	Abated	Contravention in respect of	Found	Abated
Cleanliness	1	1	Seating facilities ..	—	—
Overcrowding ..	—	—	Floors, passages, stairs	—	—
Temperature ..	5	7	Fencing of exposed parts of machinery	—	—
Ventilation	—	—	First-aid General Provisions	9	4
Lighting	—	—	Abstract of the Act not displayed	6	5
Sanitary Conveniences	1	1			
Washing facilities ..	—	—			
			Total ..	22	18

Caravan Sites and Control of Development Act, 1960

This Urban District Council are at present constructing a Caravan, Camping and Picnic Site to accommodate some 100 caravans and tents at Allensford, two miles from the Consett Town Centre.

Factories Act, 1961

Twenty-eight visits were made to factories in which persons were employed, and details are given below.

I. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors)

Premises (1)	No. on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	1	—	—
(ii) Factories not included in (1) in which Section 7 is enforced by the Local Authority	115	25	3	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworker's premises)	7	2	1	—
Totals ..	123	28	4	—

II. Cases in which DEFECTS were found

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2) ..	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective draining of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient ..	2	2	—	1	—
(b) Unsuitable or defective ..	1	2	—	1	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Out-work)	1	1	—	—	—
Total ..	4	5	—	2	—

PART VIII OF THE ACT Outwork (Section 133)

Nature of Work (1)	Section 110			Section 111		
	No. of out-workers in August list required by Section 110(1)(c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Wearing apparel: Making, etc. Cleaning and Washing }	1	—	—	—	—	—
Total ..	1	—	—	—	—	—

(c) GENERAL INSPECTIONS

Analysis of inspections and notices served under the Public Health and Housing Acts:

	Inspections	No. of INFORMAL Notices served	No. of STATU- TORY Notices served	Defects remedied after Notice
Housing:				
Public Health and Housing Acts ..	2,024	394	—	539
Overcrowding	—	—	—	—
Sanitary Conveniences:				
Insufficient	5	—	—	1
Defective	6	6	—	8
Drainage	153	25	—	27
Water Supply	43	2	—	2
Food Premises	667	69	—	35
Noise Abatement Act, 1960 ..	44	1	—	1
Slaughterhouses	1,636	8	—	8
Factories and Workplaces ..	28	4	—	5
Keeping of Animals	2	1	—	1
Offensive accumulations ..	32	11	—	11
Smoke Nuisances	8	2	—	2
Prevention of Damage by Pests Act, 1949	1,242	—	—	—
Notifiable Diseases	292	—	—	—
Volumetric Smoke Meters ..	786	—	—	—
Other Nuisances and Pigeons ..	57	4	—	5
Infestations	224	—	—	224
Scrap Metal Dealers' Act, 1964 ..	7	—	—	—
Hairdressing Establishments ..	24	4	—	3
Offices, Shops and Railway Premises Act, 1963	324	22	—	18
Pet Animals Act, 1951	14	—	—	—
Market Stalls and Delivery Vehicles	60	12	—	9
Shotley Bridge Hospital	4	—	—	—
School Canteens	4	—	—	—
Totals ..	7,686	565	—	899

(d) INSPECTION AND SUPERVISION OF FOOD

1. Food Premises

There are 287 premises in which food is manufactured, stored or sold to which 667 inspections were made. Details of various types of premises visited and the circumstances found which warranted notices being served to conform with the various Acts and Byelaws, also the number of notices served and the defects remedied are shown on page 23.

The following are details of food premises:

Butchers	..	..	..	..	..	..	..	24
Bakehouses	..	..	..	..	..	..	..	7
Restaurants, Cafes and Snack Bars	..	..	..	..	..	..	..	21
General Dealers and Grocers	..	..	..	..	..	..	..	80
Green Fruit	..	..	..	..	..	..	..	15
Confectionery	..	..	..	..	..	..	..	34
Wet Fish Shops	..	..	..	..	..	..	..	2
Fried Fish and Chip Shops	..	..	..	..	..	..	..	11
Licensed Premises (Hotels, Public Houses, Inns)	..	..	..	..	..	..	..	60
Ice Cream Manufacture	..	..	..	..	..	..	..	5
School Kitchens	..	..	..	..	..	..	..	8
Hospital and Institution Kitchens	..	..	..	..	..	..	..	6
Slaughterhouses	..	..	..	..	..	..	..	3
Miscellaneous	..	..	..	..	..	..	..	11
Total								287

All the aforementioned premises have a wash-hand basin with a supply of hot and cold water, towels, nail brushes and soap for the use of persons engaged in the handling of food and there is also provided a sink or other facilities for the washing of food and equipment.

2. Food and Drugs Act, 1955

Premises indicated below are registered under the Food and Drugs Act, 1955, for the following purposes:

Ice Cream Manufacture	..	..	..	..	..	5
Ice Cream Storage and Sale	..	..	..	..	..	92
Preparation or Manufacture of Sausages, Potted or Pressed Food	..	..	..	..	..	36
Preparation or Manufacture of Fish and Potatoes	..	..	..	..	..	11
Slaughterhouses	..	..	..	..	..	3

3. Food Complaints

Two complaints regarding mould in a snow cake and mould in sausage rolls were dealt with under The Food and Drugs Act, 1955, and following successful prosecutions, the firms concerned were fined £15 and £12 respectively, with £9.40 towards costs.

4. The Food Hygiene (Market Stalls and Delivery Vehicles) Regulations, 1966

Mobile shops, delivery vehicles and ice cream vans were inspected and generally the regulations were being carried out.

The Council provide wash-hand basins and a supply of hot water free of charge in a building on the Market Square for those stall holders engaged solely in the sale of vegetables and covered Food. Other stall-holders selling open foods have to comply fully with the regulations.

5. Ice Cream (Heat Treatment) Regulations, 1947 and 1948

All premises used for the manufacture and storage of ice cream and ice cream vehicles were regularly inspected and a very high standard of hygiene has been maintained. Periodic sampling provided the following satisfactory results.

Premises	Structural		Cleansing and Re-decoration		Water Closets		W.C. Notices		Lack of Refuse Containers		Drainage		Wash-up Sinks		Wash-hand Basins		Towels, Nailbrush and Soap		Clothing Accommodation		First Aid Equipment		Smoking		Constant Hot Water		Food Exposure		Accumulations or Deposits		Other Defects		Visits	
	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.	F.	A.		
Bakehouses	—	—	10	3	—	—	—	—	2	2	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	32	
Food Manufacturers	—	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	64	
Fried and Wet Fish Shops ...	2	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	34	
Ice-Cream Manufacturers ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	
Caterers and Snack Bars ...	4	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	79
Grocers and General Dealers	—	—	5	5	—	—	—	2	2	1	—	1	1	—	—	—	—	—	—	—	2	2	—	—	—	—	3	3	3	3	4	4	—	318
Confectioners	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	1	—	—	—	—	42
Greengrocers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	1	—	—	32
Hotels, Inns and Public Houses	—	—	9	—	—	—	1	—	—	—	—	—	—	—	1	—	3	—	—	—	2	—	—	—	—	—	—	—	—	1	1	—	—	62
Total	6	—	29	13	—	—	5	4	1	—	1	1	1	—	1	—	3	—	—	—	5	3	—	—	—	—	5	4	6	6	6	5	—	667

Ice Cream Sample Results:

					<i>No. of Samples</i>
Grade I ..	..	..	..	..	26
Grade II ..	..	..	..	..	1
Grade III ..	..	..	..	..	1
Grade IV ..	..	..	..	..	2
Total ..					30

6. Milk (Special Designation) Regulations, 1960

All dealer's licences in milk are now issued by Durham County Council.

7. Milk Sampling

One hundred and sixty-seven samples of milk were taken by the Durham County Council from retailers in this Area and the following results obtained:

Type of Sample	No. of Samples taken	Methylene Blue Test		Phosphatase Test		Turbidity Test		Biological Result		Anti-Bio	
		Sat.	Unsat.	Sat.	Unsat.	Sat.	Unsat.	Sat.	Unsat.	Sat.	Unsat.
Untreated	14	10	4	—	—	—	—	6	—	14	—
Pasteurised	135	132	3	135	—	—	—	—	—	—	—
Sterilised	18	—	—	—	—	18	—	—	—	—	—

There were no samples of milk positive to *Brucella abortus*.

8. The Liquid Egg (Pasteurisation) Regulations, 1963

There are no egg pasteurisation plants in the district and no samples of liquid eggs have been submitted to the laboratory for the Alpha-Amylase tests.

9. Meat and Other Foods

SLAUGHTERHOUSES—There are three licensed slaughterhouses in the Area as follows:

Messrs. S. Dixon & Sons, Prospect Place, Consett.
 Messrs. A. & S. Britten, Prospect Place, Consett.
 Messrs. Dodds & Bedford, Whyncliffe Abattoir, Broomhill, Ebchester.

During the year, 73,429 animals were slaughtered and it was again possible to obtain 100% inspection of all carcasses and offals. The majority of carcasses are being transported from these slaughterhouses to retailers outside of this area.

There is no Sunday slaughtering. Saturday slaughtering is permitted until 1 p.m. and some evenings until 6.30 p.m.

Charges for inspection were made at the following rates:

Bovine Animals	12.5p
Calf or Pig	3.75p
Sheep, Lamb or Goats	2.5p

All carcasses are stamped by qualified meat inspectors after they have been passed as fit for human consumption. Details of carcasses inspected and condemned meats are given below.

(i) Carcasses Inspected and Condemned

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known)	1,444	163	100	43,278	28,444	—
Number Inspected ..	1,444	163	100	43,278	28,444	—
ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCI Whole Carcasses condemned	1	2	1	9	4	—
Carcasses of which some part or organ was condemned	94	48	—	3,983	7,144	—
Percentage of the number inspected affected with diseases other than Tuber- culosis and Cysticerci ..	6.6	30.7	1.0	9.0	25.0	—
TUBERCULOSIS ONLY: Whole Carcasses condemned	—	—	—	—	—	—
Carcasses of which some part or organ was condemned	—	—	—	—	73	—
Percentage of the number inspected affected with Tuberculosis	—	—	—	—	.3	—
CYSTICERCOSIS: Carcasses of which some part or organ was condemned	1	—	—	—	—	—
Carcasses submitted to treat- ment by refrigeration ..	1	—	—	—	—	—
Generalised and totally con- demned	—	—	—	—	—	—

(ii) Details of Condemned Meat

	<i>lbs.</i>
Cirrhosis	2,816
Parasites	6,070
Pneumonia, Pleurisy and Peritonitis	13,718
Pericarditis	75
Abscesses	1,749
Oedema	78
Traumatism	564
Arthritis	140
Tuberculosis	828
Cysticercus Bovis	66
Telangiectasis	362
Nephritis	20
Actinomycosis	35
Actinbacillosis	3
Pyæmia	150
Septicæmia	996
Septic Metritis	90
Tumours	10
Mastitis	22
Swine Erysipelas	110
Imperfect Bleeding	498
	<hr/>
	28,400 lbs.

Condemned meats are forwarded to a by-product firm at Red Row, Morpeth, Northumberland, and other unsound food is disposed of by burial on the Council's tip.

Details of animals slaughtered throughout the year are shown below :

	<i>Animals slaughtered from Collecting Centres</i>
Cattle	1,444
Cows	163
Calves	100
Sheep	43,278
Pigs	28,444
	<hr/>
Total	73,429

(iii) Food found to be unfit for human consumption

748 pkts. Confectionery	354 tins Fruit
712 „ Fish	161 „ Tomatoes
634 „ Biscuits	118 „ Cereals and Puddings
614 „ Meat	112 „ Meat
610 „ Vegetables	74 „ Milk
345 „ Cereals and Puddings	68 „ Fruit Juice
112 „ Trifles and Mousse	56 „ Soup
73 „ Tea	19 „ Fish
73 „ Sugar	18 „ Ham
49 „ Pastry	10 „ Cream
44 „ Fruit	1 tin Pie Filling
34 „ Butter	28 jars Sandwich Paste
34 „ Gravy Salt	11 „ Jams and Syrups
28 „ Flour	25 bottles Sauces
17 „ Baby Food	19 loaves Bread
8 „ Cheese	9 dozen Eggs
8 „ Suet	79 tubs Ice cream
2 „ Icing Sugar	90 Pies
1 pkt. Cornflour	21 cakes
1 „ Lard	29 Chickens
421 tins Vegetables	

The total weight condemned amounted to 1 ton 16 cwt.

10. **Poultry Inspection**

There are no poultry processing premises within the district.

11. **Slaughter of Animals Act, 1933 and Amendment Act, 1954**

There were 17 licensed slaughtermen on the register at the end of the year.

12. **Market Square**

The Market operates on Fridays and Saturdays when approximately fifty-eight stalls are in attendance. These include stalls from which green-grocery and confectionery are sold. There are also specially equipped vans from which are sold bread and cakes.

(e) **PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES**

There were 78 cases of infectious diseases notified during the year as compared with 294 in the previous year.

For analysis of notified and confirmed cases of notifiable diseases see Appendix B.

Laboratory Facilities

These continue to be provided by the Public Health Laboratory Service at the General Hospital, Westgate Road, Newcastle upon Tyne.

This public health service is free within the National Health Service and is designed to assist all concerned in the diagnosis, prevention and control of infection.

Specimens may be submitted by doctors, veterinarians, dentists, persons acting on behalf of medical officers of health such as public health inspectors and health visitors, or by representatives of official bodies. Specimens cannot be accepted from private persons.

Routine specimens examined fall under two main headings. (a) medical specimens, and (b) sanitary specimens from local or food authorities, or by arrangement, from commercial undertakings.

The following vaccines and antisera are issued by the Public Health Laboratory, Newcastle.

Gamma Globulin	..	..	..	Issued to individual doctors
Antivaccinial Gamma Globulin	..	..	..	" " " "
Rabies vaccine and antiserum	..	..	..	" " " "
Typhus vaccine	..	..	..	" " " "

Note

Therapeutic sera or antitoxins are not issued but may be obtained from certain hospitals.

Diphtheria, pertussis, poliomyelitis, tetanus and measles vaccines may be obtained through the local health authority—Durham County Council.

TAB and other vaccines may be obtained from retail pharmaceutical chemists.

Yellow fever vaccination is done only at centres designated by the Ministry of Health, the local centre being at 48 Osborne Road, Jesmond, Newcastle upon Tyne. Telephone: Newcastle 28520, extension 292.

The following shows the number of specimens submitted to the Public Health Laboratory from this area for the past ten years.

			<i>Specimens submitted</i>	<i>Positive</i>
1962	..	..	1,228	188
1963	..	..	1,666	240
1964	..	..	1,105	137
1965	..	..	824	52
1966	..	..	942	111
1967	..	..	2,083	342
1968	..	..	1,239	47
1969	..	..	1,057	36
1970	..	..	1,196	16
1971	..	..	1,236	27

The following table gives particulars of specimens sent in by the Health Department and the medical practitioners in the area for examination during the year.

Bacteriological Examinations

	Number of Specimens Submitted	Positive
Faeces:		
(a) Enteric Fever	469	—
(b) Dysentery		19
(c) Food Poisoning		1
(d) Other Organisms		—
Sputum for Tuberculosis	676	7
Water	13	—
Ice Cream	30	—
Miscellaneous	—	—
Water Samples—Swimming Baths	48	—
Totals ..	1,236	27

Notifiable Diseases reported during the year 1971

During the year all infectious diseases needing hospital treatment were admitted to Highfield Isolation Hospital, Chester-le-Street.

The following table gives particulars of the incidence of notifiable diseases (other than tuberculosis) in the area during the year.

Diseases	Total Number of Cases Notified	Total Number of Cases Confirmed	Cases Admitted to Hospital	Total Deaths
Scarlet Fever	3	3	—	—
Whooping Cough	7	7	—	—
Measles	26	26	—	—
Dysentery	15	17	—	—
Food Poisoning	23	1	—	—
Meningococcal Infection	1	1	—	—
Infective Hepatitis	3	3	—	—
Totals ..	78	58	—	—

Scarlet Fever

There were 3 cases notified compared with 6 last year. The infections were mild in type and no cases were admitted to hospital.

Measles

There were 26 cases notified compared with 91 in the previous year. No cases were admitted to hospital and there were no deaths.

Rubella Vaccination

A scheme of vaccination against Rubella was carried out in the Senior Schools during the month of June and the numbers vaccinated were as follows:

Blackfyne Secondary School	70
Benfieldside Secondary School	29
Moorside Secondary School	50
Consett Secondary School	60
Leadgate English Martyrs R.C. Secondary School	90
Villa Real Training Centre	1
	<hr/> 300 <hr/>

Whooping Cough

There were 7 cases notified compared with 15 in the previous year. No cases were admitted to hospital and there were no deaths.

Poliomyelitis

For the thirteenth year there were no cases of poliomyelitis notified. Vaccination against this disease continued during the year and the numbers vaccinated were as follows:

Number of persons who have received a full course of oral vaccine ..	493
Number of persons who have received a booster dose of oral vaccine ..	523

These figures include those vaccinated by general medical practitioners in their surgeries.

In May a school scheme for poliomyelitis vaccination was carried out. Children whose parents had given consent were given full courses or booster doses of oral vaccination as required. Details of the number of children vaccinated are shown on the following table.

POLIOMYELITIS VACCINATION SCHEME—MAY 1971

School	Number of Doses given			Booster	Totals
	1 dose	2 doses	3 doses		
Benfieldside Co.	1	—	1	12	13
Blackhill R.C.	2	—	6	15	23
Blackhill Co.	—	—	—	10	10
Consett Co.	—	1	2	20	23
Consett R.C.	1	2	13	22	38
Delves Lane Co.	—	2	4	11	17
Ebchester C. of E.	1	—	—	4	5
Grove Co.	1	—	6	10	17
Grove R.C.	—	1	4	14	19
Leadgate Brooms R.C.	1	1	8	8	18
Leadgate Co.	1	1	6	10	18
Medomsley C. of E.	1	—	—	5	6
Shotley Bridge Co.	—	—	—	7	7
High Westwood Co.	2	1	6	8	17
Low Westwood R.C.	2	—	—	3	5
Totals	13	9	55	159	236

Diphtheria

For the nineteenth consecutive year there were no cases of this disease notified and it is now 28 years since the last death from diphtheria occurred in this district.

In May a school scheme for diphtheria-tetanus and diphtheria immunisation was carried out in all the infant schools.

Details of the number of children immunised are set out on the following table.

DIPHTHERIA-TETANUS IMMUNISATION SCHEME MAY, 1971

School	Diphtheria-Tetanus			Diphtheria T.A.F.	Total
	1 Injection	2 Injections	Booster		
Benfieldside Co.	1	—	10	—	11
Blackhill R.C.	2	5	15	—	22
Blackhill Co.	—	—	10	—	10
Consett Co.	—	3	19	—	22
Consett R.C.	2	11	22	—	35
Delves Lane Co.	—	5	9	2	16
Ebchester C. of E.	1	—	3	—	4
Grove Co.	1	6	11	—	18
Grove R.C.	—	5	15	—	20
Leadgate Brooms R.C.	1	5	9	2	17
Leadgate Co.	1	5	9	—	15
Medomsley C. of E.	1	—	6	—	7
Shotley Bridge Co.	—	—	6	—	6
High Westwood Co.	2	8	8	—	18
Low Westwood R.C.	2	—	5	—	7
Totals	14	53	157	4	228

The total numbers (all age groups) immunised during the year were as follows:

Primary Injections	488
Booster	534

Numbers of cases and deaths from diphtheria since 1942 are as follows

			No. of Cases	No. of Deaths
1942	..	..	18	2
1943	..	..	29	2
1944	..	..	33	—
1945	..	..	13	—
1946	..	..	14	—
1947	..	..	1	—
1948	..	..	2	—
1949	..	..	1	—
1950	..	..	—	—
1951	..	..	—	—
1952	..	..	1	—
1953–1971	..	..	—	—

Food Poisoning

There were twenty-three cases of food poisoning notified but following investigation only one was confirmed where the infection was due to *Salmonella Typhimurium*.

Dysentery

There were fifteen cases of dysentery notified and following investigation seventeen cases were confirmed; the additional cases were revealed as a result of investigations in connection with suspected food poisoning. The majority of cases were as a result of a small outbreak at the E. F. Peile Convalescent Home, Shotley Bridge. The home was closed for the duration of the epidemic.

Smallpox

The number of infants under 2 years vaccinated was 149 as compared with 261 in the previous year.

Tuberculosis

There was a marked increase in the number of notified cases during the year, there being 14 as compared with 5 in the previous year. There were no deaths recorded during the year.

1. Statistics

(a) Number of new cases notified during the year:

				Pulmonary	Non-Pulmonary	Total
Males ..	..	..	..	9	1	10
Females	..	..	..	2	2	4
Totals				11	3	14

(b) Number of deaths registered:

Males	..	..	..	—	—	—
Females	..	..	..	—	—	—
Totals ..				—	—	—

(c) Number of cases on the Tuberculosis Register:

Males	..	..	..	126	77	203
Females	..	..	..	104	65	169
Totals ..				230	142	372

Age distribution of new cases and deaths are as follows:

Age Period			CASES				DEATHS			
			Pulmonary		Non-Pul.		Pulmonary		Non-Pul.	
Years			M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	..	..	—	—	—	—	—	—	—	—
1 year	..	..	—	—	—	—	—	—	—	—
2— 4 years	..	..	—	—	—	—	—	—	—	—
5— 9	„	..	—	—	—	—	—	—	—	—
10—14	„	..	—	—	—	—	—	—	—	—
15—19	„	..	—	—	—	—	—	—	—	—
20—24	„	..	—	1	—	—	—	—	—	—
25—34	„	..	—	—	—	2	—	—	—	—
35—44	„	..	1	1	—	—	—	—	—	—
45—54	„	..	1	—	—	—	—	—	—	—
55—64	„	..	2	—	—	—	—	—	—	—
65—74	„	..	5	—	1	—	—	—	—	—
75 and over	..	..	—	—	—	—	—	—	—	—
Age unknown	..	..	—	—	—	—	—	—	—	—
Totals ..			9	2	1	2	—	—	—	—
			11		3		—		—	
			14				—			

Cases and Deaths since 1944

Year	Number of Notifica- tions	Rate per 1,000 pop.	Number of Deaths	Rate per 1,000 pop.	Number of Sanatoria Admis- sions
1944	77	2.1	18	.79	
1945	54	1.5	28	.48	
1946	47	1.2	17	.68	
1947	59	1.5	20	.50	
1948	72	1.8	22	.66	
1949	49	1.2	25	.61	
1950	91	2.3	11	.40	
1951	76	1.9	11	.28	
1952	47	1.2	10	.25	34
1953	40	1.0	10	.25	42
1954	38	0.97	10	.25	37
1955	26	0.67	3	.07	34
1956	30	0.87	4	.10	34
1957	34	0.77	4	.10	30
1958	23	0.59	5	.12	25
1959	20	0.51	—	—	23
1960	22	0.56	4	.10	30
1961	23	0.59	2	.05	28
1962	24	0.61	2	.05	21
1963	18	0.46	3	.08	11
1964	20	0.52	4	.11	9
1965	13	0.34	3	.08	7
1966	11	0.29	2	.05	5
1967	16	0.43	2	.05	6
1968	14	0.37	3	.08	10
1969	8	0.22	1	.02	8
1970	5	0.22	2	.05	5
1971	14	0.39	—	—	11

2. Tuberculosis Service in the Area

(i) At the Chest Clinic there are special sessions for contacts of known cases of tuberculosis. During the year 51 contacts were skin tested and 47 were found to be tuberculin negative. The number vaccinated with B.C.G. including newborn babies was 53.

(ii) Those needing hospital treatment are admitted to Maiden Law Hospital, and the few who require thoracic surgery are transferred to Shotley Bridge General Hospital.

(iii) There were 372 patients on the tuberculosis register at the end of the year.

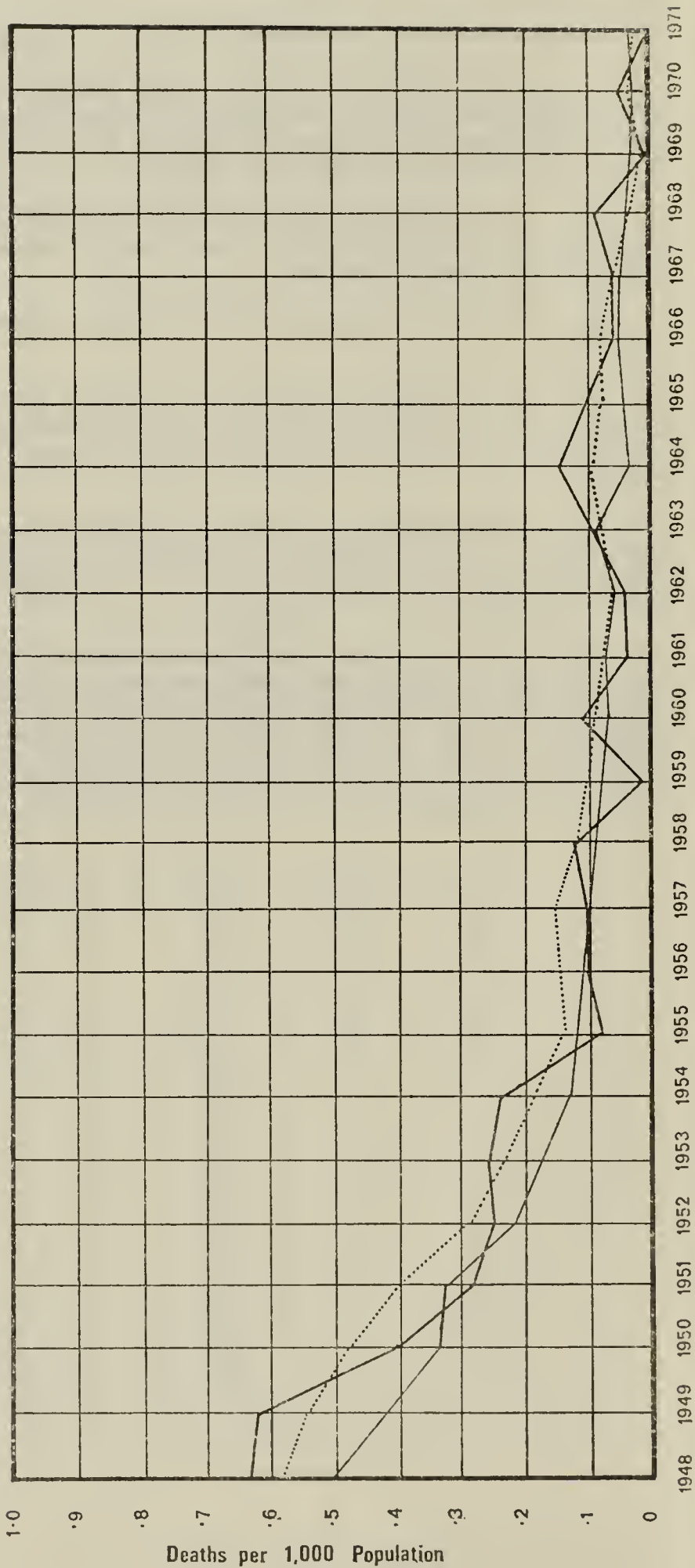
(iv) The vaccination of eligible school children with B.C.G. was carried out in November. Altogether 531 children attending six schools were tuberculin tested and 403 were given B.C.G. vaccine. See details on page 35.

All the positive reactors (9) who had not previously received B.C.G. vaccination in earlier childhood were referred to the Chest Clinic for X-ray of the chest by arrangement with the Chest Physician; 8 children attended and had negative X-ray reports.

The scheme for tuberculin testing school entrants, started in 1963, was continued during the year. A Tuberculin test is included as part of the first medical examination at school, the test being carried out by the health visitor a week before it is read by the school medical officer at the time of the medical examination. Positive reactors are referred to the Chest Clinic for investigation and contacts of all tuberculous positive cases are investigated.

COMPARATIVE TUBERCULOSIS MORTALITY RATES 1948 - 1971

Consett U.District _____
 Durham County
 England and Wales _____



B.C.G. Vaccination of eligible School Children in the Consett Urban District—November 1971

(1) School	(2) Consents		(3) Given Skin Tests		(4) Positive Reactors		(5) Negative Reactors given B.C.G.		(6) No. Absent at time of Readings	(7) Neg. Reactors not vaccinated for Medical Reasons
	No.		(a) No.	(b) %	(a) No.	(b) %	(a) No.	(b) %		
Leadgate English Martyrs R.C.	148	..	135	91.21	21	15.55	102	75.55	10	2
Consett Secondary	93	..	82	88.17	12	14.63	58	70.73	9	3
Benfieldside Secondary	54	..	53	98.14	6	11.32	44	83.01	3	—
Moorside Secondary	130	..	115	88.46	20	17.39	82	71.30	11	2
Blackfyne Secondary	145	..	139	95.86	20	14.38	112	80.57	6	1
Villa Real Junior Training Centre	11	..	7	63.63	1	14.28	5	71.42	—	1
Totals	581	..	531	91.39	80	15.06	403	75.89	39	9

NOTES: Column 3(b) gives % of acceptors given skin tests.

The Heaf Multiple Puncture Skin Tuberculin Test was used. B.C.G. was given in doses of 0.1 ml. intra-dermally.

Percentage Positive as a result of Tuberculin Test—since April 1960

1960 (April)	17.06	1966	4.62
1960 (December)	17.05	1967	8.10
1961	22.13	1968	9.66
1962	9.61	1969	13.03
1963	7.08	1970	5.14
1964	2.51	1971	15.06
1965	5.99		

B. Local Health Authority Services

(a) Clinics

(i) *Birth Control*

Clinics for the above are held in the Maternity and Child Welfare Centre, Wetherall House, Medomsley Road, Consett, on alternate Tuesdays, 9.30 a.m. to 12 noon.

(ii) *Ante and Post Natal and Health Education and Relaxation Classes*

Clinics for the above are held at the Maternity and Child Welfare Centre, Wetherall House, Medomsley Road, Consett, as follows:

ANTE-NATAL CLINIC—Alternate Tuesdays 9.30 a.m. to 12 noon.

HEALTH EDUCATION AND RELAXATION CLASSES—Thursday afternoons weekly.

POST-NATAL CLINIC—Alternate Tuesdays 9.30 a.m. to 12 noon.

CERVICAL SMEAR CLINIC—Evenings by appointment.

(iii) *Child Welfare*

Clinics are held as follows:

MATERNITY AND CHILD WELFARE CENTRE, WETHERALL HOUSE, MEDOMSLEY ROAD, CONSETT—Fridays all day, alternate Tuesday mornings.

ST. ANDREW'S PRESBYTERIAN CHURCH HALL, BLACKHILL—Alternate Thursdays all day. Health Visitors Sessions—Alternate Thursday mornings.

WOMEN'S INSTITUTE HALL, THE GROVE, CONSETT—Friday mornings weekly.

(iv) *Immunisation and Vaccination*

This has been carried out at:

(a) Maternity and Child Welfare Clinics throughout the area, and

(b) By General Practitioners by personal arrangement with parents.

SCHEDULE OF VACCINATION AND IMMUNISATION

The following is the schedule of Vaccination and Immunisation in use in the County.

In general, at County Clinics, children will receive the various protective immunisations and vaccinations according to the following schedule:

<i>Age</i>	<i>Vaccine</i>
4 months	Triple (diphtheria, whooping cough and tetanus) and poliomyelitis (1st)
6 months	„ „ „ „ „ „ „ „ (2nd)
12 months	„ „ „ „ „ „ „ „ (3rd)
13 months	Measles
14-24 mths.	Smallpox
4 years	Diphtheria, Tetanus and Poliomyelitis Booster Smallpox Re-vaccination

In September 1966 the Ministry of Health advised that the simultaneous administration of oral poliomyelitis vaccine with triple vaccine for primary immunisation or with diphtheria and tetanus vaccine at school entry could be recommended at the discretion of the doctor concerned.

Particulars of Immunisation and Vaccination during 1971

Diphtheria Immunisation Either Single or in Combination		Whooping Cough Immunisation Either Single or in Combination		Tetanus Immunisa- tion Either Single or in Combination	Small- pox	Poliomyelitis Vaccination		B.C.G.	Measles
						Primary	Booster		
Primary	Booster	Primary	Booster	Primary	Vaccin- ation	Three Doses (Oral)	4th	Vaccin- ation	Vaccin- ation
488	534	432	105	557	240	493	523	456	711

(v) School Clinic

Clinics are held in Wetherall House, Medomsley Road, Consett, as follows:

School Medical Officer	..	..	Friday afternoons
Dental Officer	..	..	Daily
Education Psychologist	..	..	By arrangement
Audiometrician	..	..	By arrangement

(b) Nursing in the Home and Midwifery Services

(i) Midwifery

During the year 530 live and stillbirths were assigned to the area. There were 9 stillbirths and 4 deaths in the first week in life.

All midwives are trained in the use and possess apparatus for entonox analgesia. Fifty per cent of domiciliary cases were given entonox analgesia, and fifty-seven per cent were given pethidene.

(ii) Domiciliary Nursing

A total of 22,960 home visits were made during the year—41 per cent of which were made to patients over the age of 65 years.

The following is an analysis of these visits and the types of cases nursed:

	AGE GROUPS			CLASSIFICATION						
	0—5 years	5—65 years	65 + years	Medical	Surgical	Infectious Diseases	Tuber- culosis	Maternal Complica- tions	Injections	Others
New Cases	2	293	365	517	127	—	16	—	—	—
Visits	73	12,340	10,547	16,153	4,120	—	1,679	—	7,313	1,008

(c) Ambulance Service

The needs of the Urban District are served jointly by the County Ambulance depots situated at VillaReal, Consett and East Street, Stanley, details of the establishment of personnel and vehicles at each being as follows:

			<i>Consett</i>	<i>Stanley</i>
Driver Attendants	..	..	18	20
Ambulances	..	..	6	7

The Consett Depot provides a 24-hour service in the district under the overall supervision of the Central Control at Durham. All vehicles are now equipped with radio.

The following table gives details of the work undertaken during the year.

	Journeys Undertaken	Cases carried			Mileage
		Stretcher	Sitting	Total	
Consett	5,160	2,435	22,159	24,594	147,192

(d) Domestic Help Service

At the beginning of January 1971, 499 cases in this district were being served by a Home Help. There were 177 new cases during the year and of the 676 receiving the service 668 (98 per cent) were chronic sick and infirm. At the end of the year there were 496 cases in the area, 180 cases having been terminated during the year.

(e) Mental Health Services

Occupation Centre for Mentally Handicapped Children

The Villa Real Centre has continued to be used for mentally defective children excluded from school under Section 57 of the Education Act, 1944. Twenty-five males up to the age of 16, and eighteen females under 21 from the North-West of Durham travel daily to this centre. The Education Department arrange for the provision of school meals and free milk for these pupils and for transport to and from the Centre.

(f) Local Health Authority Hostel Accommodation

Admission of those needing care and attention to local health authority hostels is arranged directly with the County Health Department, but cases requiring urgent attention are often referred by their own doctors to the local health department.

Twenty-two people were admitted to Residential Accommodation as follows:

					<i>Males</i>	<i>Females</i>
Glenroyd House, Consett	..	..	..	..	2	2
Watling House, Leadgate	..	..	..	..	5	4
Lynwood House, Lanchester	..	..	..	..	—	1
The Hermitage, Wickham	..	..	..	..	1	—
Hustledown House, Stanley	..	..	..	..	1	4
Winton House, Winlaton	..	..	..	..	1	—
Shadon House, Birtley	..	..	..	..	—	1

C. Other Health Services

(a) Welfare of Physically Handicapped

A club run by and for the physically handicapped operates very successfully in this district. Meetings are held every Tuesday in the Disabled Persons Club in Ashdale Road, Consett and all handicapped persons are welcome.

(b) Chiropody Service for the Aged

During the year the Chiropody Service run by the Consett and District Old People's Welfare Committee continued to operate at three centres in the area. In Consett there are twenty sessions monthly, in Shotley Bridge ten sessions monthly and in Ebchester there are four sessions monthly.

(c) Meals on Wheels

The Meals on Wheels service operated by the Women's Royal Voluntary Service has continued to run successfully and now covers all parts of the district. There are approximately 200 meals delivered in the week, each old person receiving two meals weekly.

(d) Luncheon Clubs

There are two luncheon clubs established in the district: a third one in Medomsley ceased to operate at the end of April. The one in Consett provides 25 meals once weekly and voluntary help is given by the local branch of the Red Cross Society. The Leadgate club meets twice weekly and provides meals for 12 people; this club is run by the Women's Royal Voluntary Service in conjunction with the meals on wheels service.

(e) Voluntary Services—Co-ordinating Committee

The local committee for the area (i.e. Stanley, Consett and Lanchester) helps to co-ordinate voluntary services and intergate them with the statutory services. It links up with the Central Co-ordinating Committee held under the chairmanship of the County Medical Officer of Health.

D. Hospital Services in the Area

The Local Hospital Services are administered by the North West Durham Hospital Management Committee on behalf of the Newcastle Regional Hospital Board. The Secretary has kindly provided the following information on the Hospitals and Clinics serving this area.

Maiden Law Hospital

At 31st December, 1971 the following number of beds were available:

Physical Medicine	..	..	..	12
Chest Unit (Tuberculosis)	..	..	..	80
Chronic Sick	..	..	..	22
				<hr/> 114

Lee Hill Hospital

This hospital has a complement of 245 beds allocated as follows.:

Psychiatric	..	..	..	..	44
Chronic Sick	..	..	..	..	201
					<hr/> 245

Shotley Bridge General Hospital

Out-patients facilities for all the Specialities exist at this Hospital.

The 646 beds are allocated as follows:

Surgical	..	..	..	..	..	103
Medical	..	..	..	..	..	100
Gynaecological			..	..	..	42
Orthopaedic	..	..	..	..	..	76
Paediatrics	..	..	..	..	..	27
Urology	..	..	..	..	..	26
Thoracic Surgery	..	..	..	..	..	113
Plastic Surgery	..	..	..	..	..	51
Cardiology	..	..	..	..	..	4
Maternity	..	..	..	..	..	84
Special Care Baby Cots	..	..				20
Total						646

South Moor Hospital

Bed allocation is as follows:

Orthopaedic	..	..	..	..	22
General Surgery	..	..	..	..	16
Total					38

Richard Murray Hospital

This hospital closed with effect from 12th February, 1971, a new Maternity Department being opened at Shotley Bridge General Hospital.

Infectious Diseases Hospital

Patients in the area suffering from infectious diseases and who require hospitalisation are admitted to the Highfield Isolation Hospital, Chester-le-Street and Sheriff Hill Hospital, Gateshead.

Chest Clinic, Shotley Bridge General Hospital

This clinic provides a full chest clinic service, including B.C.G. and resettlement sessions as follows:

Tuesday	9.15 a.m.	Contacts of known cases
	1.15 p.m.	X-ray session (Male)
Wednesday	9.15 a.m.	Males
	1.15 p.m.	X-ray session (Females)
Friday	9.15 a.m.	Females
	2.00 p.m.	Children up to 16 years and B.C.G. vaccination X-ray session (expectant mothers)

A public mass X ray session was continued as follows:

Wednesday 1.30 p.m.—3.30 p.m.

This session is available for members of the public to attend without without reference to their doctor first.

enereal Diseases

Treatment and diagnostic facilities are provided by Clinics outside the Area as follows:

NEWCASTLE GENERAL HOSPITAL, WESTGATE ROAD, NEWCASTLE UPON TYNE:

Males and Females;

Monday	10 a.m. to 12 noon; 2 p.m. to 6.30 p.m.
Tuesday	10 a.m. to 12 noon.
Wednesday	10 a.m. to 12 noon; 2 p.m. to 4.30 p.m.
Thursday	10 a.m. to 12 noon; 2 p.m. to 6.30 p.m.
Friday	10 a.m. to 12 noon.
Saturday	10 a.m. to 12 noon.

III. ANNUAL REPORT ON RAINFALL, Etc. 1971

The Surveyor and Engineer has kindly provided me with the following information:

Month (1971)	Rainfall in inches		Number of days rain fell		Heaviest Daily Fall	
	West- wood	Crook- hall	West- wood	Crook- hall	Ins.	Date
January	1.90	2.01	24	20	.51	20th
February .. ..	.78	.76	22	16	.25	12th
March	2.97	3.16	25	26	1.00	13th
April	2.63	2.22	17	17	1.92	23rd
May	1.76	1.79	13	13	.63	23rd
June	2.83	2.57	22	23	.60	11th
July	1.94	1.66	14	11	.48	23rd
August	5.87	5.71	18	20	2.34	13th
September .. ..	.57	.39	11	11	.18	26th
October .. ..	.78	.61	18	11	.24	27th
November	2.49	2.52	23	23	.63	20th
December	1.08	.69	18	19	.28	3rd
	25.60	24.09	225	210	—	—

The heaviest daily rainfall was on 13th August, when 2.34 inches of rain fell and the wettest month was August with 5.87 inches. The total rainfall of 25.60 inches compares with 1970 rainfall of 27.93.

The driest month was September with 0.39 inches of rain.

APPENDIX A

Year	Popu- lation	Deaths	Death Rate	Live Births	Birth Rate	Infan- tile Deaths	Infant Death Rate	Peri- Natal Deaths	Peri- Natal Death Rate	Number of Cases of Infectious Diseases Notified										
										Measles	Scarlet Fever	Whooping Cough	Diph- theria	Polio- myeli- tis	Dysentery	Enteric	Food Poisoning	Infective Hepatitis	Tuber- culosis	
1943	35,320	432	12.2	602	17.0	28	46.5	—	—	291	62	72	29	—	—	—	—	—	31	12
1944	35,050	434	12.0	732	20.8	32	43.0	—	—	306	15	65	33	—	—	—	—	—	45	32
1945	35,310	435	12.3	694	19.6	34	48.9	—	—	117	48	11	13	—	—	1	—	—	34	20
1946	36,760	415	11.2	751	20.4	30	39.5	—	—	218	41	108	14	—	—	—	—	—	33	14
1947	37,040	415	11.2	780	21.0	28	35.8	—	—	385	64	29	1	7	—	—	2	—	43	16
1948	38,820	417	10.7	737	18.9	41	55.6	—	—	522	111	104	2	—	5	—	—	—	53	19
1949	38,900	463	11.9	708	18.2	29	40.9	—	—	142	52	19	1	—	—	—	—	—	40	9
1950	39,130	482	12.3	684	17.4	30	43.8	—	—	375	59	212	—	2	3	—	1	—	79	12
1951	39,020	435	11.1	659	16.8	23	34.9	—	—	740	24	85	—	—	5	—	1	—	62	14
1952	38,840	427	10.9	647	16.6	17	26.2	—	—	281	61	143	1	2	21	—	1	—	39	8
1953	38,740	413	10.6	650	16.7	20	30.7	—	—	332	45	244	—	2	13	—	255	—	32	8
1954	38,830	477	12.2	587	15.1	19	32.3	—	—	114	15	130	—	4	64	—	32	—	27	11
1955	38,770	419	10.8	627	16.1	19	30.3	—	—	771	14	23	—	—	33	—	23	—	21	5
1956	38,770	430	11.0	596	15.3	18	30.2	—	—	24	16	148	3	30	—	—	16	—	29	5
1957	38,780	436	11.2	644	16.6	14	21.7	—	—	997	41	45	—	—	—	—	3	—	24	6
1958	38,890	490	12.6	682	17.5	28	41.0	—	—	26	6	58	—	3	3	—	1	—	22	1
1959	38,940	423	10.8	640	16.4	18	28.1	39.6	—	832	22	108	—	—	81	—	3	—	16	4
1960	39,080	469	12.0	649	16.6	14	21.5	39.1	—	14	21	27	—	—	7	—	1	—	17	5
1961	38,720	441	11.3	692	17.8	10	14.4	25.6	—	842	4	12	—	—	—	—	11	—	20	3
1962	38,780	464	11.9	641	16.5	18	28.0	48.4	—	13	3	5	—	—	87	—	5	—	22	2
1963	38,660	480	12.4	656	17.0	15	22.9	24.1	—	798	5	19	—	—	193	—	78	—	13	5
1964	38,000	397	10.4	618	16.2	14	22.6	35.0	—	53	3	9	—	—	22	—	98	—	16	4
1965	37,700	443	11.7	667	17.7	15	22.5	35.3	—	526	10	11	—	—	8	—	39	—	10	3
1966	37,600	416	11.1	597	15.9	12	20.1	34.4	—	275	20	70	—	—	33	—	31	—	9	2
1967	37,500	387	10.3	592	15.8	13	21.9	21.8	—	333	12	10	—	—	159	—	112	—	14	2
1968	37,320	432	11.4	568	15.2	13	22.9	33.0	—	745	3	—	—	—	18	—	52	17	14	—
1969	37,010	420	11.3	533	14.4	10	19.0	20.4	—	11	4	—	—	—	10	—	32	191	8	1
1970	36,660	419	11.4	581	1.8	11	19.0	34.0	—	91	6	15	—	—	10	—	54	116	4	1
1971	35,390	459	13.0	521	14.7	12	23.0	25.0	—	26	3	7	—	—	15	—	23	3	11	3

APPENDIX B
ANALYSIS OF THE NOTIFIED AND CONFIRMED CASES OF NOTIFIABLE DISEASES
(Other than Tuberculosis)

Name of Disease	Under 1 Year		1		2		3		4		5		6-10		11-15		16-20		21-35		36-45		46-65		66 and Over		Age not Known		Totals	
	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.	N.	C.
Scarlet Fever	—	—	—	—	—	—	—	—	1	1	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3
Whooping Cough ..	2	2	1	1	—	—	1	1	—	—	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	7
Measles ..	2	2	2	2	2	2	4	4	5	5	5	5	5	5	1	1	—	—	—	—	—	—	—	—	—	—	—	26	26	
Dysentery ..	—	1	1	1	3	3	2	2	3	3	—	—	1	—	—	—	3	3	1	2	2	1	—	—	—	—	—	15	17	
Food Poisoning ..	2	—	4	—	2	—	1	—	—	—	—	5	—	—	—	—	—	—	7	1	1	—	1	—	—	—	—	23	1	
Meningococcal Infection ..	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	
Infective Hepatitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2	2	—	—	—	—	—	—	—	3	3	
Totals ..	6	5	8	4	8	6	8	7	9	9	6	6	14	10	1	1	4	4	10	5	3	1	1	—	—	—	—	78	58	

